

The certified copy of JPN 2000/310531 was filed on 9/24/01 at the same time the formal drawings were filed. Since the PTO received the formal drawing, we think the PTO has the certified copy somewhere. Please check the forwarding letter, the cover copy of the certified copy, and the post card receipt showing receipt by the PTO.

#### DRAWING

Filed herewith is a replacement sheet containing FIGS. 1 and 2, which have added thereto "Prior Art", as suggested by the Examiner. This will overcome his objection thereto.

#### SPECIFICATION

A revised "Abstract" is filed herewith in clean copy with the bottom delineated as "new page 26". We believe the new revised "Abstract" is fully now compliant with the rules.

#### ALLOWED CLAIMS

The allowed claims are now renumbered as follows:

<u>Old Claim No.</u>	<u>New Claim No.</u>
19-24	38-43
26	44
28	45
30-37	46-53

The old claims were rewritten to incorporate base claims, where appropriate. Accordingly, applicant respectfully solicits continued allowance of allowed claims 38-53.

#### REJECTED CLAIMS UNDER SEC. 102 over WILLAN TRAVERSED

In view of the amendments to the priorly rejected claims it

submitted that new claims 54-57, which replace the rejected claims, define an invention which is not "anticipated under 102" by Willman (5,912,557).

We now recite "wherein a plurality of sets of encode points are sequentially defined as sequential segments in order of decreasing distances from center of said K space, and then assigning sequentially serial numbers to encode points of first through fourth quadrants in said first and subsequent segments in order of decreasing distances from said K space; and means for encoding said K space in order of the determined serial number, thereby to collect data".

Clearly, this is not taught by nor made obvious by Willman. He teaches use of two phase encoding gradients through a sequence of values to sample all K-space locations.. However, Willman does not teach , or make obvious, the "specific" defining of the segments in order of decreasing distances from the center", nor thereafter, "the assigning of sequential serial numbers to encode points of the first through the fourth quadrants". Then, we thereafter "collect data". These specific ways of accomplishing the collecting of data are not shown by Willman.

Thus, no Section 102 rejection is now supported by Willman. Accordingly, the new claims 54-57 should be allowed, and such allowance is respectfully solicited.

In addition to the foregoing, the inventor adds that (as recited in claims 58,59) using two sampling points in each segment has added advantages.

In view of the foregoing, all of the claims now in the application, namely, claims 38-59 are believed allowable and such allowance is respectfully solicited.

Respectfully

M. KOJIMA

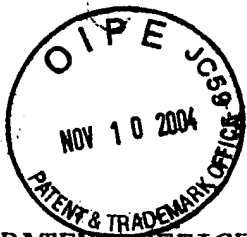
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9 Nov 04



IN THE US PATENT OFFICE

EXAMINER -

GROUP - 2671

SN - 09/929,729

FILED - 8/14/01

BY - Sato

I hereby certify that the correspondence upon which this notice is placed is being deposited with the US Postal Service as first class mail in an envelope addressed to the Commissioner of Patents Washington, D.C. 20231 on the date set forth below.

MOONRAY KOJIMA, ATTORNEY

DATE 9/24/01

SIRS:

Kindly file in the above, the following certified copy pursuant to 35US 119.

JPN 2000/310,531 filed 10/11/00

Respectfully,

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09/929,729

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別紙添付の書類に記載されている事項は下記の出願書類に記載されて  
いる事項と同一であることを証明する。

This is to certify that the annexed is a true copy of the following application as filed  
with this Office

出 願 年 月 日

Date of Application:

2000年10月11日

出 願 番 号

Application Number:

特願2000-310531

出 願 人  
Applicant(s):

ジーイー・メディカル・システムズ・グローバル・テクノロ  
ジー・カンパニー・エルエルシー

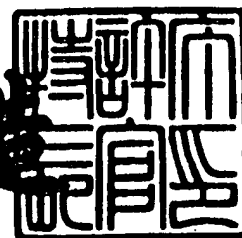
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2001年 8月10日

特許庁長官  
Commissioner,  
Japan Patent Office

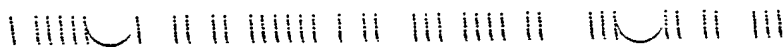
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0015098(135)-SATB 09/929,729

(1) Cat Coy - 00/310,531 (10/1/00)

(2) 5 sheets formal dwgs



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